

## **Historic, Archive Document**

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62.97  
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J. K. Rugowski Seed Co., Inc.

RECORDED

Fifth Annual  
Catalog  
MANITOWOC  
WISCONSIN

Spring  
of



EARLIEST PRODUCER  
TOMATOES ORIGINAL



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LET US BE YOUR SEEDSMEN

## INTRODUCTION

Just five years ago, John K. Rugowski of Manitowoc, Wisconsin, sprung up as a seedsman by offering his services and practical experience for the benefit of growing better Vegetables, Grains and Flowers, which was done on a small scale.

To-day, just five years later, Mr. Rugowski's advices are sought throughout the country and abroad. For all of those who have taken his advice the last five years have not only benefited by his knowledge but made grand successes, who also have referred thousands of others to seek their advice from him.

Not only is Mr. Rugowski an adviser, but all seeds that he handles and has handled so far had to come up to a standard of satisfaction; this has made him the numerous satisfied customers, which policy is going to be kept up as long as Mr. Rugowski continues in the business.

The time that Mr. Rugowski has devoted in breeding plants runs back for thirteen years, and during that time he has perfected some of the best Vegetables and Flowers thus far produced. One of which has made him famous is his Tomato, the first that he has ever put on the market in the spring of 1919 (Earliest Producer Tomato). This Tomato is going to be grown in every state of the Union in 1920. He also has the distinction of originating two of the finest Asters that were ever seen in the market. On the 12th day of Sep. 1919 The Wisconsin State Florist Association in session at Milwaukee, Wisconsin, endorsed these flowers as being very meritorious flowers, also as having the largest blooms and longest stems thus far seen in the market. Mr. Rugowski has numerous other new vegetables and flowers that are wonders which will be disseminated year after year. This season the Asters will be out for the first time; should orders come in as they are at this writing the supply will be exhausted in a very short time.

In 1921 Mr. Rugowski promises to give you an opportunity to purchase his new Potato that is Blight Proof, called The Rugowski.

Mr. Rugowski takes great pride in his work; he is a hard worker and during the growing season there is nothing that could induce him to leave his work. All of his growing is done under his personal supervision and the greatest care taken to grow the very best.

Respectfully yours,

J. K. Rugowski Seed Co.



# IMPORTANT--Read This Page

Our reputation has been built by furnishing seeds of the best quality as to purity and germination. And we will keep up doing so.

We are in a position to furnish good seeds at as low price as any reliable house. But do not care to compete with those offering inferior stock.

## GROW YOUR OWN VEGETABLES AND FLOWERS

Let us impress this on your mind and if you will follow these directions you will have the best garden you ever had. Don't simply say you will, you must not make the same mistake you have always made, and have seen your parents or neighbors make. Take this for granted or you will be again disappointed in the fall. We cannot say this harsh enough for we have had people working for us in our own gardens who have seen the way of doing things, and positively knew that it was the best way to have the best crop, who

would in their own garden follow their old customs and then in the fall tell us their garden was a failure. So we say, after you read this, and follow your own way you will also have a failure. There are only a few good points to remember that can be easily followed regardless of space you have or time. By following our directions you will find space enough and save a lot of time. Just read over carefully and follow them as we direct and you will thank us in the fall.

## GOOD SEED, GOOD TILLAGE, GOOD PLANT FOOD

**Good Seed** is always the best for a good garden. It can never be too good. If you want cheap seed, many dealers have this, which is not reliable. We advise always to get the best which is cheapest in the end.

**Good Tillage** is as important as good seed, for if you sow good seed and neglect to work your garden you would be just as well off by buying cheap seed, you would at least save the difference in the price, for you cannot expect the best of seed to produce a good crop unless you will work your crop.

**Good Plant Food.** This is one important point in a garden. You must see that there is plenty of available plant food, and without this it is im-

possible to grow a good crop. For plants have life and must be fed with the best of food to make a quick growth, same as all living beings, and where there is life there must be food. Just compare a small plant to your baby and to the small animal which you would see growing. If you deprived your baby of good milk and would not keep it clean, it would look sickly, but if you keep it clean and give it the best of food it will always be healthy and have a smile and not look sickly. So good plant food is absolutely necessary to grow a good, healthy plant, also plenty of Tillage to keep it clean of weeds, and to get all the fresh air the roots can get. This is done by stirring up the soil at all seasons.

## PLANT ORDERS

This is very important that you place your plant order now. You are sure to get your plants at the right price, right time, and the right kind of plants. If you wait until planting time you are liable to take what is left, as many were left without getting plants at all last year.

We are booking orders now, for all kinds of Vegetable and Flower Plants. (Look up plant list) before mailing your seed orders. Our prices are right and we guarantee our plants to give satisfaction. We raised millions of them but run

short last year—So Order Early.

We are better prepared than ever to furnish plants this spring with two greenhouses and numerous hotbeds. We will be able to take care of your order at the right time, and right kind of plants at Lowest Prices.

Your order cannot be too large or too small. If you have done business with us before you will do it again. If not give us a trial and we will please you.

## NOW FOR A FEW DON'TS

**Don't** buy a dollar's worth of seed and put it in a space of a few square feet.

**Don't** broadcast any seed—put it into rows no matter how small your space may be or how short your rows are. This will give you a chance to work your soil at all times.

**Don't** water your garden unless there is a long dry spell—if you rake in between the rows it will give you more moisture than you could give it by watering.

**Don't** seed your garden too early, wait until the soil is partly warm. Your crops will turn out better than if put in too early. This will avoid the seed from decaying in the ground before germination sets in.

**Don't** have your garden planted and seeded the

first in the neighborhood, and then be the first one to neglect to work it. A good garden must always be worked, not only for weeds, but you must give it fresh air and moisture. This is done by stirring up the soil, sometimes until fall with cabbage, celery, peppers and many other plants—flowers need a lot of moisture.

**Don't** have a good garden all summer, and just before harvesting time let your or your neighbor's chickens have a good feast on it.

**Don't** crowd your garden, expecting to raise more than it should. Give it space; whatever you grow will be worth while.

**Don't** get my seed unless you want a good garden, as I cannot guarantee my seed to those who will neglect their garden.

# RUGOWSKI'S--New Wonderful Asters

PURE HONOR

Sold for the First Time

MERITORIOUS PINK

In Original Packages Only

Price Per Package \$1.50 Each of 50 Seeds

These flowers have caused a sensation by whoever has seen them in my field and still more praise did they get by experts who know what flowers are. On the 12th of September, 1919, at the Wisconsin State Florists' Association's annual meeting is where they were first exhibited. Read what they have to say. The same blooms were exhibited at Chicago, Detroit, Buffalo, Rochester, New York, Newark and Philadelphia at the leading seedhouses, wholesale florists and retailers. For the purpose of getting an opinion of what they thought of them. The only answer we could get was that they are the best we have ever seen, or that they cannot be duplicated. Perfect in every respect. A wholesaler in New York City told me they would bring as much as Mums in the market.

## Wisconsin State Florists' Association



C C POLLWORTH PRESIDENT  
MILWAUKEE

J E MATTHEWS VICE-PRESIDENT  
SHEBOYGAN

G RUSCH TREASURER  
MILWAUKEE

Directors

R HAENTZE, FOND DU LAC  
F RENTSCHLER, MADISON  
W C ZIMMERMANN, MILWAUKEE

H. J. SEEL, Secretary

462 MILWAUKEE STREET  
MILWAUKEE

September 15th, 1919

J. K. Rugowski,  
Manitowoc, Wis.

Dear Sir:

In the name of the Wisconsin State Florists' Ass'n, I wish to thank you for your exhibit of both the pink and white AstCrs, at our annual meeting held at Milwaukee September 12th.

I am transmitting herewith the resolution passed at that meeting, endorsing these asters as being a very meritorious flower. It was the sense of the resolution that these asters be endorsed by the association as having the largest flower and longest stems and in every way being superior to any aster thus far seen in the market. It is with pleasure indeed, that I am permitted to send this message.

With best wishes for the future success of this flower, I am

Yours very truly

WISCONSIN STATE FLORISTS' ASS'N

HJS/MJ

*H. J. Seel*  
Secretary

PETER HENDERERSON & CO.  
Seedsmen

New York City

Mr. J. K. Rugowski:

The sample flowers of Asters shown were the finest type of Comet or Ostrich Plume or Crego that I have ever seen in 32 years' experience.

C. LITTLEFIELD.



## EARLIEST PRODUCER TOMATO SEED



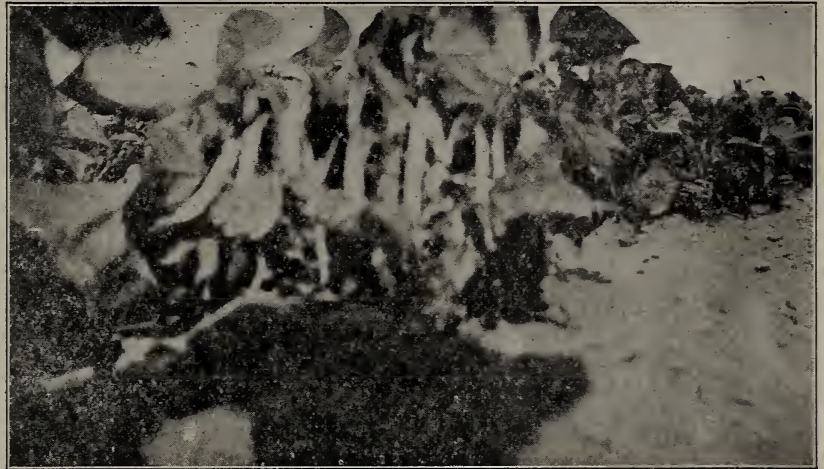
This Tomato has shown wonderful results wherever grown last season. It has done even better than we had expected, from the hundreds of satisfied customers who had bought an original package last season. We have sold and distributed 25,000 packages of this seed in 1919. It will be sold in Bulk for the first time at a price that everybody can afford to pay. Leading seedmen of the country will handle it. You will not make a mistake by placing your order with your seed house, or you can get this seed direct from us at the following prices:

Pkg. 10c   ¼ Oz. 50c   1 Oz. \$1.50   ¼ Lb. \$5.50   1 Lb. \$20.00

The Best Tomatoes Bring the Best Prices.

## RUGOWSKI'S WAX BEAN

This bean will produce more pods of uniform size than any other of the wax variety. The seed itself is 25% smaller than the well known Curries Rust Proof Wax from which it was originated. Its color is somewhat purple instead of black. Where beans are used on a large scale this seed will plant 25% more space than other varieties. The supply that we have is limited. We have promised last season that you would have an opportunity to get some of this seed in 1920. Therefore not to disappoint you we will put up a limited amount only. Ten Seeds in a package at 25c per package—only one package to each customer. If you want some this season you must order early.



## PURE HONOR ASTER

It will be Pure Honor

To have this Flower in Your Garden in 1920

Plants in Season

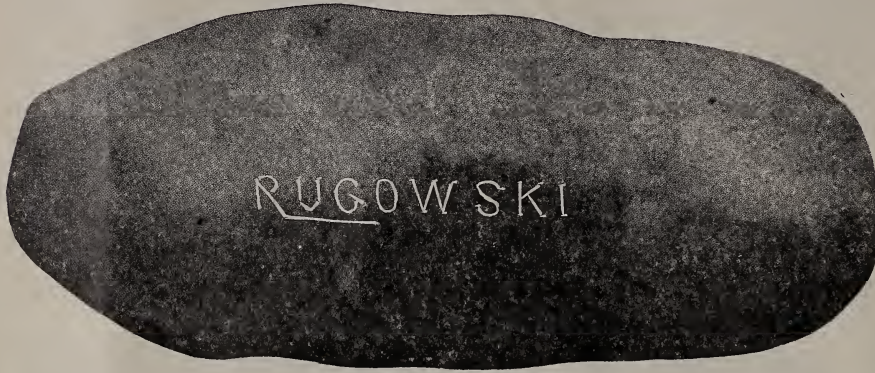
Price \$1.00 Per Dozen

The two above varieties cannot be purchased in any other form than Original Packages. Put up by John K. Rugowski or J. K. Rugowski Seed Co., Manitowoc, Wisconsin.  
Beware of Imitations

Look up Special Offer.



# BLIGHT RESISTING POTATO



Four  
Pounds  
for  
\$1.00  
PREPAID  
1st, 2nd, 3rd Zone

## FIRST TIME OFFERED FOR SALE

This potato is similar in type to the Burbank—all are of oblong shape and have very shallow eyes. The seed from which this potato was originated has developed from an Early Rose crossed with a Scotch Rural which is a very good yielder, but also very late. The RUGOWSKI is also considered a late variety, but not as late as the Scotch Rural, nor as early as the Early Rose. Last season's crop grown side by side with Early Ohio and New York Rurals. The RUGOWSKI has shown an increase of 30% over its rivals. The season of 1918 it has done even better, as the former varieties were blighted, where the RUGOWSKI has resisted the disease. You won't have to fight the blight after you once get a start with The RUGOWSKI (Potato).

Prices for fall deliveries \$10.00 per Bushel in One to Ten Bushel lots F. O. B. Manitowoc, Bags included. Place your order now as stock will be limited.



In the row to the right there were eleven varieties of Potatoes, to the left four varieties, all Blighted in 1918.

The row where arrow points did not blight this is the

**RUGOWSKI  
POTATO**

^  
**Blight Resisting Potato Vine**



# GARDEN SEED AND PLANT LIST

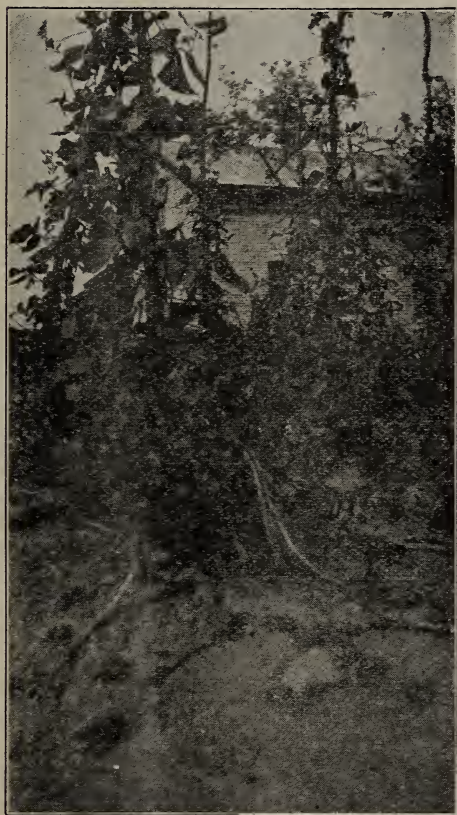
## FOR SEASON OF 1920

**IMPORTANT**—We deliver all package Seed Post Paid in the United States, also an ounce, quarter pounds or pounds unless otherwise noted. To avoid mistakes use Catalogue number on Order Sheet. Each item is indicated by a No. as 1, 2, 3, 4, 5, 6, etc.

### ASPARAGUS

Sow the seed early in spring in rows and the following spring transplant from 15 to 18 inches apart.

		Pkg.	Oz.	¼-lb.	1-lb.			Pkg.	Oz.	¼-lb.	1-lb.	
1.	Barr's Mammoth	-----	\$.05	\$.10	\$.30	\$.80	2.	Columbia Mam. White	.05	.10	.30	.80



Q. P. Bean

### BEANS—Wax and Green Podded

	Pkg.	1-lb.	5-lbs.
3. Currie's Rust-Proof Wax_____	\$ .10	\$ .40	\$1.75
4. Davis White Wax _____	.10	.40	1.75
5. Refugee Wax 1000-1_____	.10	.40	1.75
6. Burpee's Stringless White Wax_____	.10	.40	1.70
7. Golden Wax _____	.10	.35	1.60
8. Mahogany Kidney _____	.10	.35	1.60
9. Red Kidney _____	.10	.35	1.60
10. Stringless Green Pod_____	.10	.40	1.75
11. Giant Navy, Very Large_____	.10		
12. Giant Stringless Green Pod_____	.10	.40	1.75
13. Navy Bean, Extra Select_____	.10	.35	1.65

### RUGOWSKI'S—New Wax Bean

10 SEEDS 25 Cents

14. The Rugowski Wax is being offered for the first time, the supply is limited and we can only sell one package to each customer.

### BUSH LIMA BEANS

	Pkg.	½-lb.	1-lb.
15. Burpee's Bush Lima Beans_____	\$ .10	\$ .25	\$ .45

### POLE BEANS

16.	Kentucky Wonders -----	\$ .10	.40
17.	Q. P. Bean, Long Pole-----	.15	

This is some novelty. It should be in every garden. The beans are very tender when young, also good flavor. On our trial grounds we had single plants to yield 100 pods from 2 to 3 feet long. It is well acclimated. Plant two and one-half feet each way in hills, two seeds to the hill. We grow all of our own beans.

When ordering beans add 5c per pound for postage.

### RED BEETS

	Pkg.	Oz.	¼-lb.	1-lb.		Pkg.	Oz.	¼-lb.	1-lb.
18. Crosby's Egyptian	----\$.05	\$.15	\$.30	\$.95	20. Detroit, Dark Red	----- .05	.15	.30	.95
19. Ex. Early Egyptian Flat	.05	.15	.30	.95	21. Fireball, best table use	.05	.20	.40	1.15

### BEETS OR MANGLES

	Pkg.	Oz.	¼-lb.	1-lb.		Pkg.	Oz.	¼-lb.	1-lb.
22. Golden Tankard -----	\$.05	\$.10	\$.25	\$.75	24. Giant, Half Sugar-----	.05	.10	.30	.90
23. Imp. Mam., Long Red--	.05	.10	.25	.75					

## SWISS CHARD OR SPINACH BEET

	Pkg.	Oz.	¼-lb.	1-lb.		Pkg.	Oz.	¼-lb.	1-lb.
25. Large White -----	.05	.15	.30	1.00	26. Giant Locullus -----	.05	.15	.30	1.00

## BRUSSEL SPROUTS

		Pkg.	Oz.	¼-lb.	1-lb.			Pkg.	Oz.	¼-lb.	1-lb.
27. Dwarf Improved	-----	.05	.35	1.20	3.50	28. Perfection	-----	.05	.35	1.25	3.75



## EARLY CABBAGE

	Pkg.	Oz.	¼-lb.	1-lb.
29. All Head Early (round)	.05	.35	1.10	3.00
30. Early Jersey Wakefield (pointed)	.05	.35	1.10	3.25
31. Copenhagen Market	.05	.40	1.25	4.00

## CABBAGE—Fall Varieties

	Pkg.	Oz.	¼-lb.	1-lb.
32. American Cannon Ball	.05	.40	1.25	4.00
33. Flat Dutch (very large)	.05	.35	1.10	3.25
34. Dan. Ball Head (short)	.05	.40	1.35	4.00
35. Hollander	.05	.40	1.25	4.00
36. Savory Drumhead	.05	.35	1.00	3.50
37. Red Rock (very solid)	.05	.40	1.25	4.25
38. Red Dutch (sure head)	.05	.40	1.20	4.00
39. Chinese Celery Cabbage	.05	.40	1.25	4.25

Cabbage plants can be had at reasonable prices from May 10th for Early Varieties. Late or Winter Varieties will be ready for shipment about June 1st to July 10th.

We are the largest growers of plants in this part of the State and can furnish you with plants that will please. Look up prices on plants.

## CAULIFLOWER

	Pkg.	Oz.	¼-lb.
40. Early Snowball -----	.10	2.75	10.00
41. Ex. Early Erfurt-----	.10	2.50	9.50
42. Danish Perfection ---	.10	2.75	9.75

Cauliflower Plants in season from May 1st to July 1st at 10c per dozen.

(Look up plants for larger lots).



CAULIFLOWER—Early Snowball

## CARROTS

	Pkg.	Oz.	¼-lb.	1-lb.		Pkg.	Oz.	¼-lb.	1-lb.
43. Chantenay (Select) ---	.05	.20	.65	2.25	46. Half Long, stump rooted	.05	.20	.45	1.50
44. Chantenay (Regular) --	.05	.15	.35	1.10	47. Ox Heart Short -----	.05	.15	.30	1.00
45. Half Long Danvers ----	.05	.15	.35	1.10	48. White Belgian (feeding)	.05	.10	.30	.90





## CELERIAC BULB

	Pkg.	Oz.	¼-lb.
49. Large Smooth Prague-----	.05	.30	.85

## STOCK CELERY

	Pkg.	Oz.	¼-lb.
50. Golden Self Blanching (French) -----	.10	1.25	4.25
51. Golden Self Blanching (American) -----	.10	.45	1.40
52. Even's Triumph -----	.05	.25	.75
53. White Plume -----	.05	.30	.90

Celery Plants can be had from June 1st to July 15th. (Look up Plants).

## SWEET CORN

	Pkg.	¼-lb.	1-lb.
54. Early Mayflower -----	.05	.10	.35
55. Early Evergreen -----	.05	.10	.35
56. Golden Bantam -----	.05	.10	.40
57. Black Mexican -----	.05	.10	.35
58. Country Gentleman -----	.05	.10	.35
59. Stowel's Evergreen -----	.05	.10	.35
60. Golden Queen -----	.05	.10	.30
61. Pop Corn (White Rice)-----	.05	.10	.30

(FIELD CORN—Look up Field Seeds.)

## CUCUMBERS

	Pkg.	Oz.	¼-lb.	1-lb.
62. Davis Perfect -----	.05	.20	.45	1.40
63. Improv'd Long Green .05	.05	.20	.45	1.50
64. Telegraph Forcing - .25				
65. White Spine' -----	.05	.20	.40	1.35

## PICKLES

	Pkg.	Oz.	¼-lb.	1-lb.
66. Chicago Pickle -----	.05	.15	.35	1.25
67. Long Green -----	.05	.20	.45	1.50
68. Prolific (Short) -----	.05	.15	.35	1.25
69. West India Gherkins .05	.05	.25	.80	3.00

## EGG PLANT

	Pkg.	Oz.	¼-lb.	1-lb.
70. Black Beauty -----	.10	.65	1.80	6.50
71. New York Spineless_ .10	.10	.60	1.65	6.00

## ENDIVE

	Pkg.	Oz.	¼-lb.	1-lb.
72. Green Curled -----	.05	.20	.45	1.60
73. White Curled -----	.05	.20	.45	1.60



## KALE (Borecole)

74. Dwarf Green Curled----	.05	.25	.75	2.50	75. Tall Curled -----	.05	.20	.70	2.35
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## KOHL RABI

	Pkg.	Oz.	¼-lb.	1-lb.
76. Ex. Early Short Leaf	.05	.30	.95	3.00
77. Early White Vienna	.05	.25	.90	2.75
78. Early Purple Vienna	.05	.30	.90	3.00

Kohl Rabi Plants can be had from May 1st to July 1st.

(Look up prices under heading of Vegetable Plants).

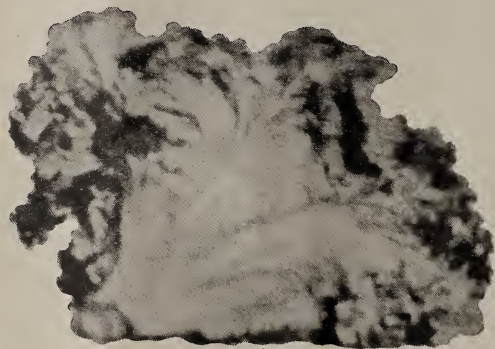
## HERBS

	Pkg.	Oz.	¼-lb.	1-lb.
79. Caraway	.05	.15	.40	1.25
80. Dill	.05	.15	.40	1.25
81. Sage	.05	.35		
82. Sweet Marjoram	.05	.35		
83. Sweet Basil	.05	.40		
84. Summer Savory	.05	.30		
85. Thyme	.05	.30		
85½. Mustard Elephant Ear	.05	.15		

## LEEK

	Pkg.	Oz.	¼-lb.	1-lb.
86. American Flag	.05	.20	.75	2.75

Leek Plants in Season. (Look up Plants).



Lettuce—Grand Rapids

## LETTUCE LEAF

	Pkg.	Oz.	¼-lb.	1-lb.
87. Black Seeded Simpson	.05	.15	.40	1.25
88. Grand Rapids Forcing	.05	.15	.45	1.45
89. Prizehead (Brown Tint)	.05	.15	.45	1.45

## HEAD LETTUCE

90. Big Boston (Extra Header)	.05	.15	.45	1.45
91. Iceberg (Very Large)	.05	.15	.40	1.40

We always have a good supply of Head Lettuce Plants ready to set out from May 1st to July 1st. Head Lettuce is best grown when transplanted about 16 inches each way.

## MUSK MELON

	Pkg.	Oz.	¼-lb.	1-lb.		Pkg.	Oz.	¼-lb.	1-lb.
92. Milwaukee Market	.10	.35	1.00	3.50	93. Osage	.05	.15	.40	1.50
92½. Honey Dew	.10	.25	.80	3.00	94. Rockyford	.05	.15	.35	1.35

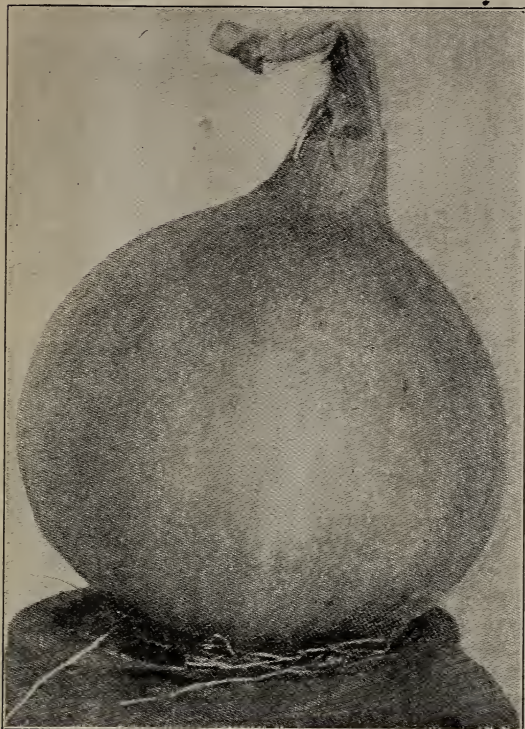
Everybody likes Musk Melon, but very few have had success in growing them in the open field, on account of the short seasons. Try this plan and your success in growing them will be solved. Take a box 14 inches square 2½ inches deep, fill in with good rich soil about the 10th of May. Put the box in a hot bed or a very warm place where the temperature is about 80 degrees, let your soil get warm, square off to make about 12 hills, drop about 4 good seed, ½ inches deep, wetten well. About June 15th transplant to open field in very rich soil. Before transplanting wetten soil well, care should be taken not to disturb the roots any more than is necessary. Give plants plenty of water at all times thereafter.

## WATER MELON

	Pkg.	Oz.	¼-lb.	1-lb.		Pkg.	Oz.	¼-lb.	1-lb.
95. Cole's Early	.05	.10	.25	.90	96. Tom Watson	.05	.10	.25	.90

Use the same culture for Water Melons as for Musk Melons.





Onion, Yellow Globe Danver

## ONIONS

	Pkg.	Oz.	¼-lb.	1-lb.
97. Southport Red Globe----	.05	.25	.75	2.75
98. Southport White Globe--	.05	.25	.70	2.60
99. Southport Yellow Globe--	.05	.25	.70	2.60
100. Prizetaker (Very Large)--	.05	.20	.65	2.50
101. Yellow Globe Danver-----	.05	.20	.65	2.10
102. Red Weatherfield -----	.05	.20	.65	2.25
103. White Queen (Pickling)--	.05	.30	.90	3.25
104. White Bunching -----	.05	.25	.80	3.00

## ONION SETS and GARLIC

Onion Sets are very scarce this season, we would advise that you place your ORDER EARLY. Our Onion Sets are all sold by the pound instead of by measure. Add Postage at parcel post rates, if wanted by mail.

	1-lb.	5-lbs.
White -----	\$ .30	\$1.25
Red -----	.25	1.15
Yellow -----	.25	1.15
Multipliers -----	.25	1.10
Garlic -----	.60	
Chives, per Clump-----	\$ .20	

## PARSLEY

	Pkg.	Oz.	¼-lb.	1-lb.
105. Champion Moss Curled	.05	.15	.40	1.40
106. Hamburg Rooted -----	.05	.15	.40	1.40

Parsley Plants in season. (Look up Vegetable Plants).

## PARSNIP

	Pkg.	Oz.	¼-lb.	1-lb.
107. Hollow Crown -----	.05	.20	.45	1.35
108. Improved Guernsey --	.05	.20	.45	1.35



Moss Curled Parsley

## GARDEN PEAS

	Pkg.	¼-lb.	1-lb.		Pkg.	¼-lb.	1-lb.
109. American Wonder				112. Horford's Market Garden----	.05	.12	.40
(Short Vine) -----	.05	.12	.40	113. Pioneer -----	.05	.12	.40
110. Ex. Early Alaska				114. Telephone Dwarf -----	.05	.12	.35
(Very Early) -----	.05	.10	.35	115. Telephone Tall -----	.05	.12	.35
111. Lextonian (Very Large Pod)	.05	.14	.45				

(RUGOWSKI'S NEW PEA—on Next Page)

# RUGOWSKI'S NEW PEA

It will pay you to follow up "THE RUGOWSKI PEA. We promise that this pea will be a money maker for the GROWER and CANNER. The pea itself is a wrinkled variety, very productive, also very early. This is a sport of a Lextonian, comparing it with an Alaska. It is about ten days earlier, and produces 40% more pods. In 1918 THE RUGOWSKI PEA has shown a result of 47 to 1. In 1919 where all other varieties have shown poor increase THE RUGOWSKI PEA multiplied 22 to 1, about 50% better than the following varieties all on the same field: Horford's Market Garden 12 to 1, American Wonder 10 to 1, Lextonian 5 to 1, Edible Pod 14 to 1.

THE RUBOWSKI PEA will not be disseminated for some time to come. It will pay you to get posted on this pea, from time to time, as it will be of great value to all Pea Growers and Canners. If you wish to get full details of 1920 crop on this pea mail us your address. (Mention Pea Circular 1920).

## PEPPERS

	Pkg.	Oz.	¼-lb.	1-lb.
116. Bell or Bull Nose-----	.05	.50		
117. Chinese Giant -----	.10	.60		
118. Ruby King -----	.10	.50		

Pepper Plants can be had from June 1st to July 1st.

(Look up Vegetable Plants).

## PUMPKINS

	Pkg.	Oz.	¼-lb.	1-lb.
119. Connecticut Field ----	.05	.10	.30	1.00
120. Small Sugar -----	.05	.15	.40	1.50
121. Quaker Pie -----	.05	.20	.45	1.60

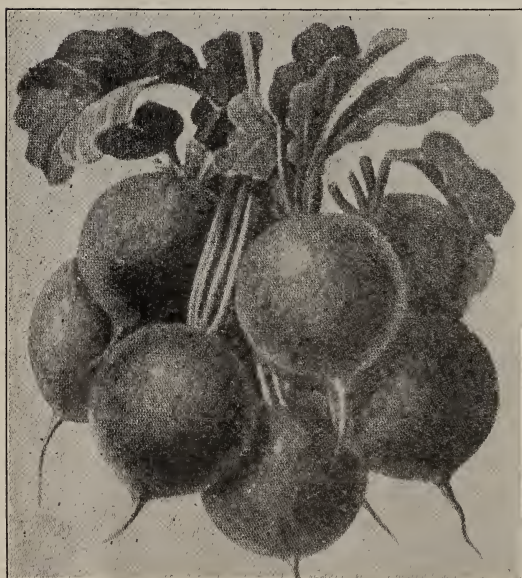
## POTATOES

We grow most of our own potatoes for seed only. The prices we are offering them at are very reasonable. Look up our offer on Page for description on RUGOWSKI'S POTATO.

EARLY VARIETIES	Peck	Bushel
122. Early Ohio Red-----	.85	3.25
123. Irish Cobbler (white)-----	1.00	3.50
124. Early Rose (red)-----	.90	3.40

LATE VARIETIES	Peck	Bushel
125. Green Mountains -----	.85	3.25
126. Rural New Yorker-----	.90	3.50
127. Russets (tan skin)-----	1.00	3.75

The above prices are subject to change one way or the other, all depends on the market, although we adhere to catalogue prices as much as possible.



Scarlet Globe Radish

## RADISH

	Pkg.	Oz.	¼-lb.	1-lb.
128. Crimson Giant -----	.05	.15	.30	1.10
129. French Breakfast -----	.05	.20	.35	1.25
130. Mixed Varieties -----	.05	.15	.25	.80
131. Scarlet Globe -----	.05	.15	.30	1.00
132. Scarlet Globe (Forcing)-	.05	.15	.35	1.25
133. Sparkler -----	.05	.15	.30	1.10
134. White Tip -----	.05	.20	.40	1.25
135. Wood's Forcing (long red)	.05	.15	.35	1.10
136. Icicle (long white)-----	.05	.15	.30	1.10

## WINTER RADISH

	Pkg.	Oz.	¼-lb.	1-lb.
137. Long Black Spanish-----	.05	.15	.35	1.10
138. Round Black Spanish-----	.05	.15	.35	1.10

To grow a good sound radish you should use a good Commercial Fertilizer, also avoid fresh manure that causes magnets, or small white worms. Sow as early as frost is out of the ground.



## SALSIFY or OYSTER PLANT

	Pkg.	Oz.	¼-lb.	1-lb.
139. Mammoth Sandwich	.05	.25	.65	2.25
<b>ISLAND SPINACH</b>				
140. Long Season	.05	.10	.20	.60
141. Round Thick Leaf	.05	.10	.20	.60
142. New Zealand (Large)	.05	.15	.45	1.35

## SQUASH

	Pkg.	Oz.	¼-lb.	1-lb.
143. Chicago Warted Hubbard	.05	.15	.45	1.45
144. Giant Yellow Crookneck	.05	.15	.45	1.50
145. Golden Hubbard	.05	.15	.45	1.45



## TOMATO

	Pkg.	Oz.	¼-lb.	1-lb.
146. EARLIEST PRODUCER	.10	1.50	5.50	20.00
147. Earlianna	.05	.35	1.10	3.75
148. Ponderosa (Very Large)	.10	.45	1.40	4.50
149. Husk or Ground Cherry	.05	.50	1.40	4.50

Since Tomatoes are the most popular of all things we grow it is as difficult to ripen some varieties as it is Melons in some parts of the country. We advise that the very best strain is never too good. If you will turn to page you will soon decide what you want. It should be Earliest Producer at all times. We grow Plants on a large scale for seed, and can supply you with the very best that money can buy. You can place your order now for 1921.

## TURNIP

	Pkg.	Oz.	¼-lb.	1-lb.
150. Purple Top Milan	.05	.15	.45	1.50
151. White Milan	.05	.15	.45	1.50

## RUTABAGA

152. Improved Purple Top	.05	.15	.25	.90
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## TOBACCO

153. Comstock Spanish	.10	.50	1.50
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# H. RAYMAKERS SONS CO.

**Market Gardeners**

**Grocers**

*Green Bay, Wis., Febrary 17th, 1920*

**JOHN RUGOWSKI**

Manitowoc, Wis

Dear Sir:

We had some tomato seed from you last year and find them GOOD, now please mail us at once FOUR OUNCES of your EARLIEST PRODUCER tomato, they seem to be well named.

Respectfully yours,

H. RAYMAKERS SONS CO.

# FIELD SEEDS

## Alfalfa

	lb.	10-lbs.	100-lbs.
154. J. K. R. Brand	.60	5.50	50.00
155. Q. P. Brand	.55	5.00	48.00
156. Genuine Grimms (Idaho Grown)	.85	7.50	72.00

## Alsike Clover

	lb.	10-lbs.	100-lbs.
157. J. K. R. Brand	.70	6.75	65.00
158. Q. P. Brand	.70	6.65	64.00

## Alsike and Timothy Mixed

	lb.	10-lbs.	100-lbs.
159. Choice Quality	.40	3.75	36.50

## Red Clover Wisconsin Grown

	lb.	10-lbs.	100-lbs.
160. J. K. R. Brand	.70	6.50	64.00
161. Q. P. Brand	.65	6.25	62.00
162. Manato Brand	.60	5.90	58.50

## Mammoth Clover Wis. Grown

	lb.	10-lbs.	100-lbs.
163. J. K. R. Brand	.70	6.75	65.00
164. Q. P. Brand	.70	6.50	64.00
165. Manato Brand	.65	6.25	63.00

## White and Sweet Clover

	lb.	10-lbs.	100-lbs.
166. Fancy White	.75	7.00	66.00
167. Fair White	.65	6.25	59.00
168. Sweet Montana Grown (Fancy White Blossom)	.45	4.25	42.00

## Timothy Wisconsin Grown

	lb.	10-lbs.	100-lbs.
169. J. K. R. Brand	.25	2.00	17.75
170. Q. P. Brand	.25	2.00	17.25
171. Manato Brand	.20	1.90	17.00

## Timothy and Alsike Mixed

	lb.	10-lbs.	100-lbs.
172. About 4% Alsike	.30	2.25	21.00
173. About 12% Alsike	.35	2.75	24.00

## Speltz (Emmer) Minn. Grown

	lb.	10-lbs.	100-lbs.
174. Speltz Fancy	.10	.75	5.75

## Millet Seed

	lb.	10-lbs.	100-lbs.
175. Common Ex. Fancy	.10	.75	6.50
176. Golden Ex. Fancy	.10	.75	6.75
177. Jap. Millet Ex. Fancy	.20	1.75	14.00
178. Hog Millet Fancy Quality	.10	.75	6.25

## Soy Bean

	lb.	10-lbs.	100-lbs.
179. Mammoth Yellow	.20	1.60	12.50
180. Mammoth Black	.25	2.00	15.00
181. Ito San	.30	2.25	19.00

## Oats

	Per Bushel	32-lbs.	1.65
182. Lincoln No. 4			
183. Iowa No. 103			1.60
184. Swedish			1.60

## Buckwheat Wisconsin Grown

	lb.	10-lbs.	100-lbs.
185. Japanese	.10	.85	6.50
186. Silver Hull	.10	.85	6.50

## Field Corn

	Peck	Bushel
187. Golden Globe Wis. No. 12	1.00	3.75
188. Wisconsin No. 8	1.00	3.60
189. Silver King Wis. No. 7	1.00	3.60
190. Pride of the North (Ex. Early)	.90	3.50
191. Early Murdock	.90	3.50
192. Longfellow Flint Yellow	1.10	4.25
193. Mammoth Red Cob	.90	3.50



We have some Extra Fine Selected GOLDEN GLOW CORN that cannot be duplicated at the Price, for the kind of Seed we are offering.

This Corn has taken First Prize for the Best Stock, also First Prize for the Ten Best Cobs at the Manitowoc County Fair of 1919.

No. 187½

J. K. R. BRAND GOLDEN GLOW WISCONSIN No. 12

Per Peck \$2.00 Per Bushel \$6.50

Shelled or Cobs.



# Select List of Flower Seeds

PURE HONOR

Two Specials

MERITORIOUS PINK

Look up Special Offers on (Page 15) before Sealing or Closing Your Order.

Use Catalogue No. on Order Sheet

	Pkg.		Pkg.
194. Alyssum .....	\$ .05	196. Antirrhinum Pink .....	.10
195. Antirrhinum Mixed .....	.05	197. Antirrhinum White .....	.10
Plants can be had from June 1st to July 1st. (Look up Flower Plants).			
198. Ageratum Mixed .....	.05	199. Asparagus .....	.15

## Asters

We grow the finest Asters that money can buy. We always grow plants on a large scale. You can place your order now. (Look up Flower Plants for Prices. Don't fail to see Page 2).



	Pkg.
200. American Beauty .....	\$ .10
201. Rainbow Mixture .....	.10
202. Crimson Branching .....	.05
203. Crimson non Branching .....	.10
204. Dalia Aster (Pink) .....	.05
205. Semple's Branching (Mixed) .....	.05
206. Semple's Branching (Lavender) .....	.05
207. Vick's White King .....	.05
208. White Queen .....	.10
Pure Honor (50 seeds) .....	1.50
Meritorious Pink (50 seeds) .....	1.50

Purple Honor not for Sale This Season.

	Pkg.		Pkg.
209. Bachelor's Button .....	.05	228. Helicrysum (Straw Flower) .....	.05
210. Balsam (Lady Slipper) .....	.05	229. Heliotrope (Choice Mixed) .....	.10
211. Calendula (Mixed) .....	.05	230. Hollyhock (Double Mixed) .....	.10
212. Calliopsis (Mixed) .....	.05	231. Hollyhock (Single Mixed) .....	.05
213. Calliopsis (Double Mixed) .....	.05	232. Ice Plant .....	.05
214. Canterbury Bell (Mixed) .....	.10	233. Larkspur (Fine Mixed) .....	.05
215. Candytuft (White) .....	.05	234. Larkspur (White) .....	.10
216. Candytuft (Mixed) .....	.05	235. Lobelia (Blue) .....	.10
217. Cardinal Climbers .....	.05	236. Lobelia (White) .....	.10
218. Carnation (Mixed) .....	.05	237. Lupin (Tall Mixed) .....	.05
219. Centaurea (Mixed) .....	.05	238. Lupin (Dwarf) .....	.05
220. Chrysanthemum (Mixed) .....	.05	239. Marigold (Tall Mixed) .....	.05
220-a. Cosmos Giant (Mixed) .....	.05	240. Marigold (Dwarf Mixed) .....	.05
220-b. Cosmos Early (Mixed) .....	.10	241. Mexican Fire Bush (Kochia) .....	.05
221. Clarkia Double Mixed .....	.05	242. Morning Bride Dwarf (Double Mixed) .....	.05
222. Chinese Wool Flower .....	.05	243. Migonette (Large Mixed) .....	.05
223. Columbine (Mixed) .....	.05	244. Moon Flower (Mixed) .....	.05
224. Foxglove (Mixed) .....	.05	245. Morning Glory (Japanese) .....	.10
225. Forget-me-not .....	.05	246. Morning Glory (Fine Mixed) .....	.05
226. Four O'Clock .....	.05	247. Morning Glory (Double Mixed) .....	.10
227. Gourds Many Sorts (Mixed) .....	.05	249. Nasturtium (Dwarf or Tall Mixed) .....	.05

## Pansy

We grow most of our own Pansy Seed, also all of our own plants. Extra Choice Seed is offered only. Plants in bloom about May 15th.

Look up Flower Plants also prices on Page

	Pkg.		Pkg.
250. Giant Pansy Choice Mixed	.10		
251. Giant Frizzled Mixed	.20	253. Petunia (Double Large Mixed)	.25
252. Petunia (Finest Mixed)	.10	254. Petunia (Giant California)	.20

Petunia Plants ready about May 20th to July 1st. (Look up Flower Plant Page ——)



Giant Pansy

Double Petunia

	Pkg.		Pkg.
255. Phlox (Mixed Color)	.05	259. Portulaca (Double Mixed)	.10
256. Pinks (Dianthus Imp. Mixed)	.05	260. Primula (Japonica Mixed)	.15
257. Poppy (Double Mixed)	.05	261. Racinus (Caster Bean)	.05
258. Poppy (Single Mixed)	.05	262. Salpiglossis (Mixed)	.05

## Salvia

	Pkg.		Pkg.
263. Fireball	.20	264. Clara Bedman	.20
Salvia Plants in pots 5c each. We grow them in large quantities. (Look up Flower Plants).			
265. Schizanthus	.05		

## Stocks

	Pkg.		Pkg.
266. Double Dwarf German (Mixed)	.15	272. Shasta Daisy (Double)	.10
267. Cut and Come Again	.10	273. Sweet William (Double Mixed)	.10
268. Ten Weeks (Dwarf)	.05	274. Verbenia (Mixed Colors)	.05
269. Sunflower (Mixed)	.05	275. Verbenia (Fancy Mixed)	.10
270. Scarlet Runner	.05	276. Zinnia (Double Mixed)	.10
271. Smilax	.05	277. Zinnia (Choice Mixed)	.05





Spencer Sweet Peas

## SWEET PEAS

Everybody loves Sweet Peas. They should be in every garden. We have a very fine selection of them. Sweet Peas should be in the ground as soon as soil can be worked to get a good strong growth. Try this system: Dig a ditch from  $2\frac{1}{2}$  to 3 feet deep, 2 feet wide, put in about 6 inches of well rotted manure or rubbish, add 6 inches of soil. To every 20 square foot of ditch add over (each layer) of soil 1 pound of **Commercial Fertilizer** you would use 5 pounds for a row of 10 feet 2 feet wide. Keep this up until it is all covered. Then in the center make a V-shaped ditch about 6 inches deep and place seed in there. When up about 3 inches add soil to leave just enough so plants are exposed. Keep on adding soil until it is 6 inches higher than the level of your land. This will make you a ditch alongside your plants. Keep this ditch open so you can pour water in it when needed, as Sweet Peas use a great deal of moisture. Do not let them go to seed at no time. If you pick them regularly they will bloom until late in the fall.

## SPENCER SWEET PEAS

	Pkg.	Oz.		Pkg.	Oz.
278. Blue -----	\$ .10	\$ .40			
279. Yellow -----	.10	.40	282. Red -----	.10	.40
280. Pink -----	.10	.40	283. Mixed Spencers -----	.10	.35
281. White -----	.10	.35	284. Choice Mixed -----	.05	.30

The above are all of the Spencer Variety, carefully selected.

## SPECIAL OFFER

If your order amounts to \$1.00 of Package Seeds, Vegetable or Flower, you can have your choice of One Package of Aster Seed, Rainbow Mixture or Earliest Producer Tomato Seed. **FREE.**

## EXTRA SPECIAL OFFER

If your order amounts to \$5.00 or over for Vegetable or Flower Seeds not counting (Pure Honor or Meritorious Pink Asters or Earliest Producer Tomato Seed), any other seed but the three varieties—you can select either 1 Package of Pure Honor or 1 Package of Meritorious Pink Aster, **FREE**—worth \$1.50. Your order must reach us by May 1st, 1920.

The above offer is limited to packages, ounces and quarter pounds only.

# BULBS AND SHRUBS

## GLADIOLUS



Schwaben

We grow the Very Best Only also grow them in large quantities. We are offering the following named varieties that have made many friends with us especially during the growing season. Our seed grounds are always open to all who wish to inspect them. We always find time to take you around. Something you should not miss. If you are visiting in this section you are always welcome.

	Each	Per Doz.	Per 100
285. America (Flesh Pink Large Bulbs)-----	.05	.50	4.00
286. Augusta (White Very Fine)-----	.05	.50	4.00
287. Mrs. Francis King (Large Red)-----	.05	.50	4.00
288. Chicago White (Best White)-----	.10	1.00	7.50
289. Myrtle Delicate Pink (Very Early)-----	.13	1.25	10.00
290. Niagra (Cream Shade 4½ in.)-----	.10	1.00	7.50
291. Panama (Deep Rose Color)-----	.10	1.00	7.50
292. Mrs. Frank Pendleton (Salmon Pink)-----	.13	1.25	10.00
293. Schwaben (Large Canary Yellow)-----	.10	1.00	8.00
294. War (Deep Blood Red Large)-----	.13	1.25	10.00

The above are all 1st size bulbs and true to name.

## SOME NEW GLADIOLUS

The following varieties will not be on sale this season. But we want you to get acquainted with them.

PURE WHITE will be named later.

BIG MULTIPLIER (Flesh Color) very large also the best multiplier of all Gladiolus. Last season one bulb produced 72 bulblets in size from a good sized pea to a hazelnut, total weight of bulblet was more than bulb itself.

MRS. RUGOWSKI (Light Lavender) resembling the well known (Mrs. Frank Pendleton) in every way with exception of color, also a good multiplier. Very striking.

## CANNAS

There is nothing finer than a nice bed of Cannas. We have a fine selection of them that we grow on a large scale.

### BRONZED LEAVED VARIETIES

	Each	Doz.
295. Lenard Vaughn Scarlet 4½ ft.---	.13	1.00
296. William Saunders (Crimson Scarlet) -----	.10	.90

### GREEN FOLIAGE VARIETIES

297. Yellow King Humbert 4 ft.-----	.10	.90
298. Firebird (Scarlet Flower) 4½ ft. -----	.25	2.50
299. Burbank (Canary Yellow) 5 ft. -----	.13	1.00
300. Louisiana (Scarlet Foliage) 6 ft. -----	.13	1.00

## CALADIUM ESCULENTUM

(Elephant Ear)

Large Bulbs used for centers in round beds with borders of cannas.

	Each	Doz.
301. 5 to 7 in. circumference-----	.25	2.50
302. 7 to 9 in. circumference-----	.40	4.00
303. 9 to 11 in. circumference-----	.50	5.00

## BLEEDING HEART

304. Bleeding Heart Clumps-----	.40	3.00
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## PEONIES

No lawn is complete unless there is a good Peony in bloom the latter part of June. The foliage itself is lasting which adds to the appearance of a good lawn.

305. Queen Victoria (Cream Tinted with Crimson) -----	.40	4.00
306. Edulis Superba (Rose Pink)-----	.40	4.00
307. Louis Van Houtte (Deep Crimson Rose) -----	.50	4.50
308. Festiva Maxima (Very Large White) -----	.50	4.50

## DAHLIA

The Dahlia is one of the best flowers for the late fall. We have some very good strong bulbs that we are offering this season.

	Each
309. Dark Red (Solid Color)-----	.15
310. Pink Heavy Bloomer-----	.15

The above varieties can be had at \$1.50 per doz. mixed.

For a good assortment of Dahlias for 1921 see that you get our catalogue. We are growing a large stock of them this season.



## Hardy Shrubs and Berries

### CLEMATIS

	Each	
311. Jackmanni (Deep Purple)-----	\$ .60	
312. Henryi (Pure White)-----	.65	

### Hydrangea

The Hydrangea is a lawn beautifier, very hardy and lasting. No lawn is complete without it. It also makes a fine hedge.

	Each	Doz.
313. Hamamelis Verginia (Which Hazel) 2 to 3 ft., Bushy-----	.45	4.50

### Hydrangea Paniculata Grandiflora (C)

Thousands of these noble summer and autumn flowering shrub have sold the past few years. They grow to a height of 8 or 10 feet and are absolutely hardy, grow in any soil and bloom the first year. They are set out, commencing to bloom in August when very few shrubs are in bloom.

	Each	Doz.
314. Two Year Old-----	.60	6.00
315. Three Year Old-----	.75	7.50

### Berberis Barberry

JAPANESE BARBERRY—One of the most beautiful shrubs either for hedge or general purposes. It is of a neat, compact growth and never needs to be touched with the shears. The foliage is beautiful at all times and in the fall turns to a most brilliant Crimson Color.

	Each	Doz.
315½. Two Year Old, 12 to 15 in.----	.40	4.00
316. Three Year Old, 18 to 24 in.----	.60	6.00

### Box Barberry

(The New Hardy Edging and Dwarf Hedge)

A dwarf, upright form of the familiar Berberis Thunbergii; it is perfectly hardy. It does not carry wheat rust.

	Each	Doz.
317. One Year Old Field Plants-----	.40	4.00

Prices on Shrubs, Berries and Vines are cash. No C. O. D. shipment will be made on perishable goods. State how wanted: Parcel Post or Express.

### Privet Hedge

#### LIGUSTRUM (PRIVET)

These are exclusively used for hedge and screens, also planted amongst other shrubs.

IBOTA (Chinese Privet). A valuable, hardy Privet for Western and Northern States. It is

almost evergreen and grows freely in all soils. Compact and regular in form, and bears shearing to any extent. Fine white, fragrant flowers; leaves long and shiny.

	Each	Doz.	
318. 2 to 3 ft., Extra Bushy--	.40	4.00	30.00
319. 3 to 4 ft., Extra Bushy--	.50	5.00	40.00

### Roses Hardy Hybrid

	Each	Doz.
320. White (Marble Monison)-----	.60	6.00
321. Yellow Glori Lyonnaise-----	.60	6.00
322. Carmine Alferd Colomb-----	.70	7.00
323. Climbing American Beauty-----	1.10	8.50
324. Crimson Rambler (Climbing)---	.85	8.50
324½. American Beauty (Dwarf)---	.60	6.00

### Berries

We have a good lot of strawberries, also some very good raspberries. You will have a good opportunity to get one of the best "Everbearing Raspberries" as the strain is out for the first time —"The La France". Only a limited amount will be sold to a customer at \$2.00 Each Plant.

### Raspberries

	Each	Doz.
325. La France Vverbearing (Strong) 2.00	20.00	
Special First Time Out. This wonderful berry was indorsed by the Most Eastern Horticultural Societies, also awarded "Certificate of Merit."		

CUTHBURT RASPBERRY. This variety is a money maker whereve rgrown, will stand more heat and drought than any other kind. The berries are large, keep well. If you wish to start a raspberry patch the "Cuthburt" should be your choice.

	Plants	25	50	100	1000
326. Cuthburt -----	.60	1.00	1.75	16.50	

### Strawberries

We grow them in large amounts and can supply your needs at prices that cannot be duplicated. All plants are dug the same they are shipped. You will make no mistake in planting a small or large bed of the following varieties:

	Plants	25	50	100	1000
327. Dunlap (S) -----	.60	.90	1.50	10.00	
328. Everbearing (Progressive) -----	1.00	1.75	3.25	30.00	
329. Premier (B) -----	.75	1.25	2.25	20.00	
330. Dr. Burril -----	.75	1.25	2.25	20.00	
331. Magic Gem -----	.70	1.25	2.00	18.00	

On shrubs add 5c each for Postage.  
Berries 5c Per Dozen.

# VEGETABLE PLANTS

## USE CATALOGUE NO. AT ALL TIMES

We grow all of our own Vegetable Plants that we offer for sale from the **CHOICEST SEED**. We can furnish you with plants in lots from one dozen to a million. We are equipped to handle your order. It cannot be too large or too small. (We are booking orders now).

### Cabbage

#### CABBAGE PLANTS (HOT BED)

	Doz.	100	1000
332. Early Jersey Wakefield	.10	.50	4.50
333. All Head Early (Half R'nd)	.10	.50	4.50
334. Copenhagen Market (L'rge)	.10	.60	5.00

The above can be had from May 10 to June 10.

### Cabbage Late Varieties

#### (FIELD GROWN)

	Doz.	100	1000
335. All Head	.05	.35	2.75
336. American Cannon Ball	.08	.50	4.50
337. Danish Ballhead	.05	.35	3.00
338. Hollander	.05	.40	3.25
339. Copenhagen Market	.05	.35	3.00
340. Drumhead Savoy	.05	.35	3.00
341. Hollander Short Stem	.05	.40	3.25
342. Red Dutch (Sure Header)	.05	.40	3.50
343. Red Rock	.05	.40	3.50
344. Flat Dutch (Very Large)	.05	.35	2.75
345. Kale (Dwarf Curled)	.05	.35	3.00

Add Postage at rate of 5c Per Dozen. 20c Per 100 on all vegetable plants. Larger lots will be shipped by express.

### Cauliflower Plants

	Doz.	100	1000
346. Early Snowball	.10	.70	5.50
347. Ex. Early Erfurt	.10	.70	5.50
348. Danish Perfection	.10	.75	6.00

Cauliflower Plants from May 1st to July 15th. If wanted by mail add postage same as cabbage.

### Kohl Rabi

	Doz.	100	1000
349. Earliest Short Leased	.05	.35	3.00
350. Early White Vienna	.05	.35	3.00
351. Early Purple Vienna	.05	.35	3.25

### Leek

	Doz.	100	1000
352. American Flag	.05	.25	2.00

### Celerac Bulb

	Doz.	100	1000
353. Large Smooth Pragues	.10	.50	4.00

These are transplants plants.

### Stock Celery

	Doz.	100	1000
354. Golden Self-Blanching (Fr)	.10	.60	5.00
355. Golden Self-Blanching (Am)	.10	.50	4.00
356. Even's Triumph	.10	.40	3.50
357. White Plume	.10	.40	3.50

All of the above are transplanted plants ready June 10th to July 10th.

### Egg Plant

	Doz.	100
358. Black Beauty	.25	2.00
359. New York Spineless	.25	2.00

Egg Plants should not be set out until good, settled weather—not before June 10th. Plants ready from June 10th to July 10th. Add Postage if wanted by mail.

### Peppers

#### GREEN OR RED

	Doz.	100
360. Chinese Giant	.25	2.00
361. Crimson Giant	.25	2.00
362. Bull Nose	.25	1.75
363. Ruby King	.25	1.75

Peppers are set out about the same time as Egg Plants. Do not be in haste to get them out too early.

### Tomatoes

#### (Read This Before Ordering)

Tomatoes do good everywhere, when set out at proper time. Too many people cannot get them early enough in the spring. In fact 50 per cent of tomatoes set out early get frost bitten and do not amount to much during the growing season. Wait until settled weather sets in, then is the time to set out plants. You will get more ripe tomatoes this way than you would by setting out early.—(and have earlier tomatoes).

	Doz.	100	1000
364. EARLIEST PRODUCER	.35	2.50	22.00
365. Earlyanna	.25	1.75	16.00
366. Ponderosa (Very Large)	.25	1.75	16.00
367. Husk or Ground Cherry	.15	1.00	8.00

When you get RUGOWSKI'S Tomato Plants—you get Quality and Satisfaction.

### Tobacco Plants

	Doz.	100
368. Comstock Spanish	.10	.75

We had a large demand for tobacco plants last season. We can supply you. Raise your own and help cut the high cost of living.



# FLOWER PLANTS

The following flower plants are grown from the choicest seeds. All the plants listed are transplanted. They are good strong plants that are well used to the weather. Do not compare these with plants grown in a hot bed. We can also furnish them to you at a lower cost. Of course they are not as good. If you select any of the following you will be pleased and so will we.

## Antirrhinum or Snapdragon

	Doz.	100
369. Giant Pink .....	.20	1.25
370. Giant White .....	.20	1.25
371. Mixed Colors .....	.15	1.00

## ASTERS

We are the Leaders in Asters. Do not fail to read Page 2 about Asters. We can furnish you the best plants that money can buy in the line of plants.

	Doz.	100
PURE HONOR .....	1.00	
MERITORIOUS PINK .....	1.00	
372. American Beauty .....	.25	1.50
373. Crimson Branching .....	.20	1.25
374. Crimson Non-Branching .....	.20	1.25
375. Dahlia Aster (Pink) .....	.20	1.25
376. Semple's Branching Mixed .....	.20	1.25
377. Semple's Branching Lavender .....	.20	1.25
378. RAINBOW MIXED .....	.30	2.00
379. Vick's White King .....	.20	1.25
380. White Queen .....	.25	1.50
381. Extra Early Mixed .....	.15	1.00

Pure Honor and Meritorious Pink are for sale for the first time, either seeds or plants. We will have some for those who order early as stock is limited. (Plants can be had from May 1st to July 1st.)

## HELIOTRÔPE PLANT

	Doz.
382. Heliotrope Mixed .....	.25

This is a very fragrant flower. We always grow them for that purpose.

## PETUNIA PLANTS

	Doz.	100
383. Large Flowering Mixed .....	.25	1.75
384. Giant California .....	.25	1.75
385. Double Petunia .....	.50	3.50

The Petunia is one of the best blooming flowers that can be had. It never stops, no matter how dry or wet you will always have beauty when you have Petunia in your flower bed. It also makes a good boarder. Set plants 2 feet apart.

## PANSY PLANTS

Where beauty is admired the Pansy takes its place, for you will hardly see a good flower garden without them. We have plants that are in bloom very early. Also plants that come somewhat later. The later plants will bloom until late in the fall until frost kills them.

	Doz.
386. Giant Pansy (In Bloom) .....	.50
387. Giant Pansy Seedling .....	.25
388. Frizzled Pansy (Seedling) .....	.50

When ordering Pansy Plants add 10c per dozen as the postage is large on them on account of the soil being attached.

## STOCKS

Stocks are also very fragrant same as the Heliotrope, but the stocks make very fine cut flowers. No garden is complete without them. We are offering the following varieties:

	Doz.	100
289. Beauty of Nice .....	.15	1.00
390. Cut and Come Again .....	.20	1.25
391. Ten Weeks Stock (Dwarf) .....	.15	1.00

## SALVIA (Firecracker)

You will hardly see a garden without Salvia or Firecracker familiarly known. They make a fine boarder and their bright red color is very attractive.

392. Bonfire .....	.20	1.25
393. Ball of Fire .....	.20	1.25
394. Potted Plants at 5c each.		

## VERBENIA

When we look over all the plants we could not miss the Verbenia although the last on the list everybody loves this flower. There must be a reason.

	Doz.
394½. Ex. Fine Mixed Colors .....	.25

Before you close your flower order see that you have not missed anything you should want. Try and get your order in early, for the early bird catches the worm. We thank you.

## LAWN SEED

OUR LAWN SEED has made us a good reputation, for all who have used our mixture got a good stand the first season.

We have a good supply on hand this season.

---

### AMOUNT REQUIRED

Use one pound of LAWN SEED to 200 square feet of space. To every pound of Lawn Seed use 5 lbs. of Armour's Fertilizer, Special Lawn and Garden. By using Fertilizer your lawn will stay a dark green color.

This will also help your lawn to be free from weeds.

### OLD LAWNS

Every lawn should be fed with at least 25 lbs. to the 1000 square feet each year, with Armour's Fertilizer. You should also use LAWN SEED at the rate of ONE POUND to every 200 square feet. If you treat your Lawn in this manner you will soon be complimented by all your neighbors and passersby. TRY THIS PLAN AND KEEP IT UP.

	1-lb.	5-lbs.	10-lbs.		1-lb.	5-lbs.	10-lbs.
395. Chicago Park Mixture---	.35	1.65	3.00	397. Good Mixture -----	.30	1.40	2.75
396. Shady Lawn Mixture---	.45	2.00	3.75	398. White Clover -----	.75	3.50	6.75

### J. K. R. BRAND LAWN MIXTURE

This mixture contains a very large percentage of White Clover. We recommend this to be the best you could use while starting a new lawn.

	1-lb.	5-lbs.	10-lbs.
399. J. K. R. Brand Lawn Mixture-----	.50	2.35	4.50

Prices will be furnished on application on larger lots. Will also give figures on Special Mixtures for quantities.

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When in the City of Manitowoc do not fail to visit our SEED FARM. Visitors are always WELCOME. By the time this catalogue is off the press we will be located in a handsome, two-story brick building and basement on Washington street of our City which was purchased to accommodate our growing business. THERE IS A REASON.

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## J. K. RUGOWSKI SEED CO.

Telephone 422-J

905-909 Washington Street

MANITOWOC, WISCONSIN

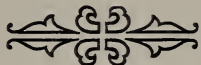
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Growers and Importers of Pure Seeds



# FUTURE NOVELTIES

We want you to get well posted on our Novelties that are well underway. The following will be for sale in a limited way only. You should see that you get our catalogue as soon as out. The best way to get one is to let us put your name on our regular mailing list.



## NEW ONES FOR 1921—Pencil Pod Wax Bean

This bean is absolutely all wax of a uniform size, a very heavy yielder. You won't find it streaked or discolored like all the other varieties of Pencil Podded Wax.

## LARGE STRINGLESS GREEN BEAN

When we say stringless we mean that at no time will you find one to be tough, even at its oldest stage. The pod is very large, all meat. Seed is also large.

## (NEW) EX. EARLY CANNERS PEA

This pea will not be disseminated until the fall of 1922. It is one of the earliest peas thus far seen. A fine tasty pea especially adapted for canning purposes. It is earlier than the Alaska. The pods run 40% better, grow to a height of 20 to 22 inches. Keep your eye on this pea. This pea will revolutionize the canning industry. Send for full details of 1920 crop on this pea. (Mail us your address—Mention Pea Circular).

## ASTERS FOR 1921 OR 1922

It took us years to develop these and if they run as true as they did last season you will have an opportunity to get seed of these ASTERS that will excell any variety thus far seen, even in our own opinion they will come up to PURE HONOR and MERITORIOUS PINK that cannot be duplicated by anybody for having the Largest flower and Longest stems. Full details will be in our 1921 catalogue as these four new varieties are still unnamed. Don't miss it, (Look up Pure Honor Aster P. 2

## GLADIOLUS NEW—Not For Sale

Pure White Gladiolus (Later).

Countess Potocka or Big Multiplier (Later).

Mrs. Rugowski Gladiolus Light Lavender, resembling Mrs. Frank Pandleton in every way with the exception of color—good multiplier, very striking color.

The above New Varieties are not for sale this season. Some will not be for several years.

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The Above are all of Mr. Rugowski's Own Originations—which are but a few that he has now underway.

**J. K. RUGOWSKI SEED CO.** MANITOWOC, WIS.  
905-909 Wash. Street

# GARDEN TOOLS

The **LIBERTY Adjustable Cultivator-Weeder** is the ideal tool for all around garden cultivation—in the city garden or on the truck farm. The special design of the cutting teeth makes quick and thorough work of destroying weeds. The teeth are of unbreakable malleable iron, with sharpened cutting edges. No downward pressure is required. It adjusts to the width of rows; middle tooth removable for straddling rows.

## LIBERTY CULTIVATOR



(Patent Applied For)

5-Tooth Liberty Hand Cultivator Adjusts 4 to 7 inches (4½-foot Handle)-----Price \$

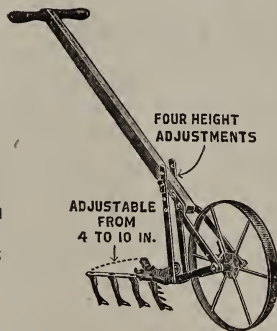
7-Tooth Liberty Hand Cultivator Adjusts 4 to 10 inches (5-foot Handle)-----Price \$1.50

9-Tooth Liberty Hand Cultivator Adjusts 5 to 14 inches (5-foot Handle)-----Price \$1.25

## GILSON WHEEL OUTFITS



Liberty No. 1  
Wheel Cultivator



FOUR HEIGHT  
ADJUSTMENTS  
ADJUSTABLE  
FROM  
4 TO 10 IN.

WHEEL OFFSET  
WITH MIDDLE TOOTH  
REMOVED FOR  
STRANDLING ROWS

Liberty No. 1 Wheel Cultivator (7 tooth) for general gardening; adjusts 4 to 10 inches; 14-inch wheel -----Price \$3.75

Liberty No. 2 Special 9-Tooth Wheel Cultivator for truck gardening; adjusts 5 to 14 inches, 16 inch wheel-----Price \$4.50

Gilson No. 3 Weed Destroyer for cutting weeds 8-inch Gilson Weeder Blade; 14-inch wheel Price -----Price

Gilson Triplex No. 20 for all-around use; combines 9-tooth Liberty Cultivator (adjusts 5 to 14 inches); with Gilson Weeder Blade (8-inch) and Plow; 16-inch wheel-----Price \$10.00

The **GILSON WEEDER** is for close work around bushy plants, as well as general gardening. The double edged rocker blade cuts both ways beneath the soil surface, destroying weeds and loosening the earth. Every stroke counts, backward and forward. The 6-foot handle permits working in a natural upright position, saving labor and backache. The hand tool is unexcelled for weeding and cultivating under shrubs and flowers. It is used by growers of tobacco, cabbage, potatoes, etc.

## GILSON WEEDER



(Pat. Jan. 11, 1916, May 1, 1917)

3½-in. Blade for narrow rows-----	\$1.15
5 -in. Blade for heavy soil-----	\$1.25
6 -in. Blade for lighter soil-----	\$1.35
8 -in. Blade for wide rows-----	

## SCRATCH WEEDERS

(Self Cleaning Tines)



(Patent Applied For)

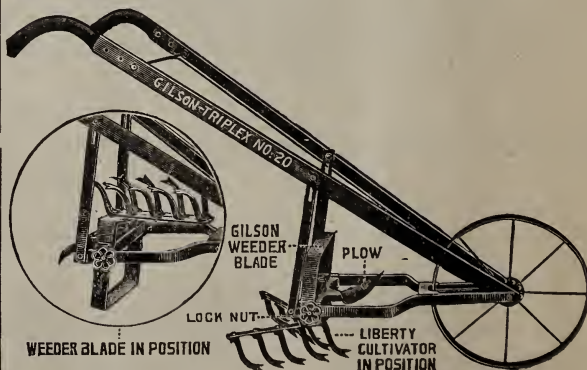
Five-Point Self-Cleaning Scratch Weeder, 6-inch handles -----Price\$ .20



Light 7-Point Scratch Weeder, 14-inch handle	
Price With Spud \$	Without Spud \$
Heavy 7-Point Scratch Weeder, 4-foot handle	
Price With Spud \$ .90	Without Spud \$ .75

## GILSON TRIPLEX NO. 20

Combining three tools in one, easily adjusted on axis and locked in place—Liberty Cultivator, Gilson Weeder and Plow.

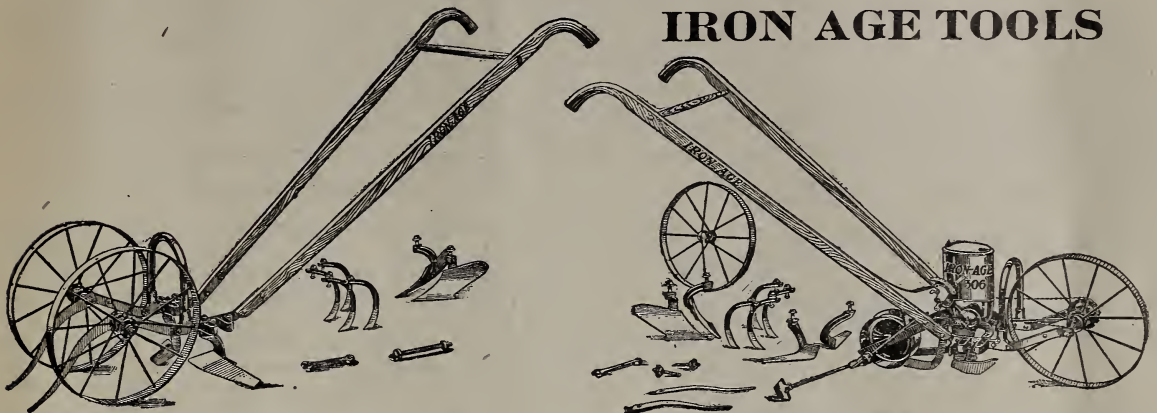


WEEDER BLADE IN POSITION

LIBERTY CULTIVATOR IN POSITION



# Combination Hill and Drill Seeder, Double and Single Wheel Hoe



No. 301 Double and Single  
Wheel Hoe

Price Complete \$13.00

No. 306 Combined Hill and Drill Seeder  
Double and Single Wheel Hoe

Price Complete \$24.00

## Three Reasons Why You Should Own an Iron Age Wheel Hoe

1. It enables you to raise a larger and better garden.
2. It saves your time, as you can work ten times as fast as by hand.
3. It enables you to work upright, saving the back and developing of the chest.

Write for Catalogue on other Iron Age Garden Tools—it is FREE

## INSECTICIDES AND FUNGICIDES

**Spraying** is an insurance against failure and depleted crops. In some seasons it may seem unnecessary, but the effects will inevitably become apparent the next season. It must be done thoroughly to be effective, but should not be done without precise knowledge as to the nature of the attacking insects and how they destroy. These may be divided into two classes, leaf eating and sucking. Both require separate treatment. The leaf eating caterpillars, potato-bugs, etc., require a stomach poison, which is sprayed on to the plant and intended to be eaten. The sucking insects, plant lice, aphides, etc., require a contact poison such as the Tobacco Extracts, Kerosene Emulsion, etc., strong irritants which cover the entire body and close the breathing pores.

The fungicides listed are to be used for plant diseases. The cheapest and most effective way to combat these is to apply a preventive spray early in the season. Fruit trees, potatoes, tomatoes, beans etc., thus treated will thrive, where others fail.

Prices Subject to Change Without Notice.

**ARSENATE OF LEAD**—Remedy for all insects that eat leaves. Unusually adhesive and will not burn. In powder form. Powder, ½ lb. 35c; 1 lb., 60c; 5 lbs., \$2.75; 10 lbs., \$5.00.

**ARSENATE OF CALCIUM**—A specific for potato-bugs, effective as Paris Green and cheaper; also for apples and all fruits excepting stone fruits. Powder, ½ lb., 30c; 1 lb., 55c; 5 lbs. \$2.50; 10 lbs., \$4.50.

**BORDEAUX MIXTURE (Fungicide)**—It is cheaper, better and safer to buy the already prepared mixture. All that is needed is dilution according to directions given on the package. Arsenate of Lead can be added thereby spraying for two purposes with one operation. Put up in liquid and powder form. Liquid, diluted 25 to 50 times with water, 1 qt., 60c; 1 gal., \$1.90. Powder, ½ lb., 25c; 1 lb., 45c; 5 lbs., \$2.00.

**BUG DEATH**—A non-poisonous insect-killing powder used on potatoes, currants, cabbage, cucumbers, etc. Use 12 lbs. per acre. 1 lb., 25c; 3 lbs., 50c; 5 lbs., 75c; 12½ lbs., \$1.50.

**GRAPE DUST**—Excellent for the prevention of mildew and blight, either in the greenhouse or outdoors. 1 lb., 25c; 5 lbs., 80c; 10 lbs., \$1.50.

**CUT WORM KILLER (Sterlingworth)**—A corase powder to be sprinkled near plants to be protected. Has an enticing odor and worms prefer it to vegetation. Chickens and birds will not be poisoned by eating the worms killed by it. 1 lb. carton, 35c; 5 lbs., \$1.25.

**HELLEBORE**—Being less poisonous than Paris Green, etc., is safer to use on fruits and vegetables. Dissolve one ounce to three gallons of water. Write for price.

**KEROSENE EMULSION**—One of the best insecticides for all soft-bodied insects. Ready for use by adding 25 parts of water to one of emulsion. 1 qt., 50c; 1 gal., \$1.25.

**PARIS GREEN**—¼ lb. 20c; ½ lb. 35c; 1 lb. 60c; 5 lbs. \$2.75.

**SLUG SHOT**—Used from ocean to ocean as a reliable destroyer of all leaf-eating insects. 1 lb. carton with perforated top 20c; 5 and 10 lb. lots 12c per lb.; 25 to 50 lbs. 10c per lb.; 100 lbs. \$9.75.

**SULPHUR**—Powdered. 1 lb. 20c; 5 lbs. 75c.

**TOBACCO DUST**—¼ lb. 20c; 1 lb. 30c; 5 lbs. \$1.25.

We handle a full line of Poultry and Bird Seed.



# Armour's Fertilizers Grow Big Crops

In the older sections of the country there is no longer any doubt as to the value and importance of commercial fertilizers in crop production. There may be difference of opinion as to the amount and kind of fertilizer to use, and the best method of applying, but there is certainly very general agreement as to the effectiveness and profitableness of fertilizers in some form.

When it is remembered that the fertilizer business in this country—which now amounts to about seven million tons annually—has had its principal development within the last half century, it is not a little surprising to find that the use of fertilizers has become so universal.

## Special for GRAIN



## Not Yet Reached Our Limit

But we are yet far from having reached our limit in the use of fertilizers. Ours is a vast and rich country and there has ever been the tendency to abandon the old and try the new. But now that the borders have been touched we must return and put new life into the old and abandoned farms. That this can be done is being demonstrated every day in our own country and has been demonstrated many times over in the older countries of the world.

We handle a full line of Armour's Fertilizers and have used them for many years on our own Seed Farm. There are also hundreds of others who have used them last season with perfect satisfaction. They would not do without them another season no matter what the cost would be. One trial of Armour's Fertilizer is enough to convince anybody. Try some this year on a small scale or better call on us and we will explain how to use them where you will make the most profitable investment you ever made. Don't be asleep all the time. You were convinced that it pays to feed your stock to the limit, yet you are not giving enough food to your growing crops. It even pays better to feed the crops than it does live stock. Call on us by phone or call in person. We are always ready to give you the best advice in the use of Commercial Fertilizers. Our experience of 12 years is enough to convince anyone that it pays to use them.

## Special for GARDEN and LAWN



## Price List of Fertilizers

	5 lbs.	25 lbs.	50 lbs.	125 lbs.	1 Bag
Ex. High Grade Garden	\$.30	\$1.25	\$2.25	\$4.50	
Special for Lawn	.30	1.00	1.75	4.00	
Bone Meal for Flowers	.25	1.00	1.75	4.00	
Special for Grain & Corn	.25	.90	1.65	3.75	
Special for Potato & Cabbage	.25	1.00	1.75	4.00	

Special Prices on Ton and Car Lots. Write for Prices

For an ordinary city lot use one bagful broadcast for all crops; for lawn, use 25 lbs. to 1000 sq. ft.; apply just before a rain. For Field Corn, Oats and other grains, use 200 to 400 lbs. per acre. Fertilizers contain three plant food elements: Nitrogen, Phosphoric Acid and Potash, which are positively necessary to have in the soil for growing crops. Armour's Fertilizers contain these elements in the right proportion. Place your order with us as soon as possible as there will be a shortage later in the season.

## J. K. RUGOWSKI SEED CO. SEEDSMEN

Growers and Importers of Pure Seeds

Telephone 422-J

905-909 Washington Street

MANITOWOC

WISCONSIN



# J. K. RUGOWSKI SEED CO.

ESTABLISHED 1915 INCORPORATED 1920

P. O. BOX 306

CAPITAL \$75,000.00

MANITOWOC, WIS.

905-909 WASHINGTON ST.

## FARM AND GARDEN ANNUAL FOR SPRING 1920

### INSTRUCTIONS TO CUSTOMERS

### PARCEL POST ZONES AND RATES.

Weight in Pounds	Local	1st Up to 50 miles	2nd 50 to 150 miles	3rd 150 to 300 miles	4th 300 to 600 miles	5th 600 to 1000 miles	6th 1000 to 1400 miles	7th 1400 to 1800 miles	8th Over 1800 miles
FROM MANITOWOC									
1	\$0.05	\$0.05.	\$0.05	\$0.06	\$0.07	\$0.08	\$0.09	\$0.11	\$0.12
2	.06	.06	.06	.08	.11	.14	.17	.21	.24
3	.06	.07	.07	.10	.15	.20	.25	.31	.36
4	.07	.08	.08	.12	.19	.26	.33	.41	.48
5	.07	.09	.09	.14	.23	.32	.41	.51	.60
6	.08	.10	.10	.16	.27	.39	.49	.61	.72
7	.08	.11	.11	.18	.31	.44	.57	.71	.84
8	.09	.12	.12	.20	.35	.50	.65	.81	.96
9	.09	.13	.13	.22	.39	.56	.73	.91	1.08
10	.10	.14	.14	.24	.43	.62	.81	1.01	1.20
11	.10	.15	.15	.26	.47	.68	.89	1.11	1.32
12	.11	.16	.16	.28	.51	.74	.97	1.21	1.44
13	.11	.17	.17	.30	.55	.80	1.05	1.31	1.56
14	.12	.18	.18	.32	.59	.86	1.13	1.41	1.68
15	.12	.19	.19	.34	.63	.92	1.21	1.51	1.80
16	.13	.20	.20	.36	.67	.98	1.29	1.61	1.92
17	.13	.21	.21	.38	.71	1.04	1.37	1.71	2.04
18	.14	.22	.22	.40	.75	1.10	1.45	1.81	2.16
19	.14	.23	.23	.42	.79	1.16	1.53	1.91	2.28
20	.15	.24	.24	.44	.83	1.22	1.61	2.01	2.40
21	.15	.25	.25	.46	.87	1.28	1.69	2.11	2.52
22	.16	.26	.26	.48	.91	1.34	1.77	2.21	2.64
23	.16	.27	.27	.50	.95	1.40	1.85	2.31	2.76
24	.17	.28	.28	.52	.99	1.46	1.93	2.41	2.88
25	.17	.29	.29	.54	1.03	1.52	2.01	2.51	3.00
26	.18	.30	.30	.56	1.07	1.58	2.09	2.61	3.12
27	.18	.31	.31	.58	1.11	1.64	2.17	2.71	3.24
28	.19	.32	.32	.60	1.15	1.70	2.25	2.81	3.36
29	.19	.33	.33	.62	1.19	1.76	2.33	2.91	3.48
30	.20	.34	.34	.64	1.23	1.82	2.41	3.01	3.60
31	.20	.35	.35	.66	1.27	1.88	2.49	3.11	3.72
32	.21	.36	.36	.68	1.31	1.94	2.57	3.21	3.84
33	.21	.37	.37	.70	1.35	2.00	2.65	3.31	3.96
34	.22	.38	.38	.72	1.39	2.06	2.73	3.41	4.08
35	.22	.39	.39	.74	1.43	2.12	2.81	3.51	4.20
36	.23	.40	.40	.76	1.47	2.18	2.89	3.61	4.32
37	.23	.41	.41	.78	1.51	2.24	2.97	3.71	4.44
38	.24	.42	.42	.80	1.55	2.30	3.05	3.81	4.56
39	.24	.43	.43	.82	1.59	2.36	3.13	3.91	4.68
40	.25	.44	.44	.84	1.63	2.42	3.21	4.01	4.80
41	.25	.45	.45	.86	1.67	2.48	3.29	4.11	4.92
42	.26	.46	.46	.88	1.71	2.54	3.37	4.21	5.04
43	.26	.47	.47	.90	1.75	2.60	3.45	4.31	5.16
44	.27	.48	.48	.92	1.79	2.66	3.53	4.41	5.28
45	.27	.49	.49	.94	1.83	2.72	3.61	4.51	5.40
46	.28	.50	.50	.96	1.87	2.78	3.69	4.61	5.52
47	.28	.51	.51	.98	1.91	2.84	3.77	4.71	5.64
48	.29	.52	.52	1.00	1.95	2.90	3.85	4.81	5.76
49	.29	.53	.53	1.02	1.99	2.96	3.93	4.91	5.88
50	.30	.54	.54	1.04	2.03	3.02	4.01	5.01	6.00
51	.30	.55	.55	1.06					
52	.31	.56	.56	1.08					
53	.31	.57	.57	1.10					
54	.32	.58	.58	1.12					
55	.32	.59	.59	1.14					
56	.33	.60	.60	1.16					
57	.33	.61	.61	1.18					
58	.34	.62	.62	1.20					
59	.34	.63	.63	1.22					
60	.35	.64	.64	1.24					
61	.35	.65	.65	1.26					
62	.36	.66	.66	1.28					
63	.36	.67	.67	1.30					
64	.37	.68	.68	1.32					
65	.37	.69	.69	1.34					
66	.38	.70	.70	1.36					
67	.38	.71	.71	1.38					
68	.39	.72	.72	1.40					
69	.39	.73	.73	1.42					
70	.40	.74	.74	1.44					

### PARCEL POST WEIGHT LIMIT

(NOTE EXTENSION)

The weight limit within the Local 1st, 2nd and 3rd Zones is seventy (70) pounds, within the other Zones the weight limit is fifty (50) pounds and the size limit eighty-four (84) inches for combined length and largest girth.

**Free Delivery**—At the prices quoted in this catalogue, we deliver all Vegetable and Flower Seed in packets, ounces,  $\frac{1}{4}$  pounds and pounds, FREE to any postoffice in the United States. Peas, Beans, Sweet Corn, Field Corn, Grass Seed and Farm Seeds offered, if wanted by mail, add to prices quoted an amount sufficient to cover the postage at Parcel Post rates. If in doubt as to the zone you are in from Manitowoc, ask your postmaster.

**Purchasers of Seed in bulk** (pecks, bushels, barrels, etc., Tools, Fertilizers, Insecticides, etc., unless otherwise noted), will have their orders shipped by freight or express at their expense.

All Goods in this Catalogue are offered subject to being unsold on receipt of order, and the prices quoted are subject to change without notice.

The Prices Quoted in This Catalogue Are Net. We offer no premiums, discounts or gratuities.

We Warrant Our Seeds to possess strong vitality, but owing to the many conditions under which failures may occur we cannot and do not guarantee crops. Non-warranty clause: J. K. Rugowski Seed Co. give no warranty, express or implied, as to description, quality, productiveness, or any other matter of any seeds, bulbs or plants we send out, and we will not be in any way responsible for the crop.

If You Are a Market Gardener raising garden truck for Sale and your annual purchases of bulk vegetable seeds amount to considerable, you are entitled to Market Gardeners' prices, and we will gladly mail to you our 1920 Gardener's Catalogue on request. Our seed stocks are especially adapted to the market gardeners' use, as they are grown under the most careful supervision from specially selected, pedigreed strains and are rigorously tested for vitality. Their extremely high quality makes the profits certain.

Remittances should be made by Express Money Order, P. O. Money Order, Bank Draft or Registered Letter. Money sent in any other manner is done entirely at sender's risk.

Orders from New Customers.—Persons unknown to us, to avoid delay, should send remittance or satisfactory Manitowoc reference with their orders. We decline to ship C. O. D. to unknown customers unless at least 25% ( $\frac{1}{4}$ ) of the value of the goods ordered is sent to guarantee acceptance.

Cartage Free.—We make no Charge for Carting goods to railroad stations.

We make no Charge for Packing cases, baskets, packages. We, however, charge for Burlap Bags at cost, 1 peck, 20c;  $\frac{1}{2}$  bushel, 35c; 2 bushels, 50c.

Seamless Bags 60c, or market value when order is received.

How to Order Seeds, Etc.—Purchasers will greatly oblige us by writing out their orders on the sheets we enclose for that purpose with each Catalogue; it greatly facilitates our work. It is most important that the full name and address be given, and plainly written. Often we receive orders with neither name nor address attached, and delays which we are powerless to avoid occur in consequence. Full shipping directions should be given us, stating distinctly whether large quantities are to be sent by express or freight, otherwise we must use our own judgment regarding the best route. Give name of Express Company or Railroad running to your place or Stage Route.

Errors in filling orders, in spite of every precaution, will sometimes creep in. As we will always gladly rectify such errors, however, if they are brought to our attention in time, customers should notify us promptly upon arrival of goods of any mistake that may be found.

Testimonials from Customers.—We are always pleased to hear from our customers regarding results and receive in this way many unsolicited testimonials, which are much appreciated. Photographs of gardens and particularly of individual vegetables and flowers sent to us are also very much appreciated.

Please mail all orders and letters to the address given at top of page.

J. K. RUGOWSKI SEED CO.

On shipments weighing 20 pounds or more it is cheaper to ship by express. As the express companies give a receipt for each package, and are responsible, it amounts practically to insurance without cost, whereas it costs extra, according to value, to insure a parcel post package. We guarantee the safe arrival in the U. S. of all goods shipped by express.



# RUGOWSKI'S SEEDS



RUGOWSKI'S  
1920 CATALOG

SEEDS  
OF MERIT



Rugowski's Seeds Produce Best Crops